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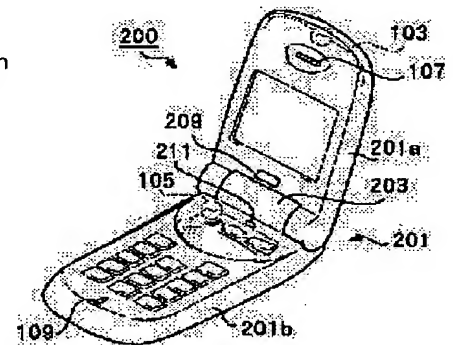
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## (54) ANTENNA UNIT

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a satisfactory antenna performance suitable for using condition from a simple constitution without increasing the circuit scale.

**SOLUTION:** When a case 201 is opened, a balanced power feeding antenna 103 suitable for communication with less influences from user's hands is selected. When the case 201 is closed, an un-balanced power feeding antenna 105 suitable for call waiting with better antenna efficiency is selected. Only when the case 201 is closed, each time the mobile phone is determined to be outside of service area, selection of the antenna 103 or 105 is switched.



## LEGAL STATUS

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